UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/464,352	12/15/1999	JURGEN KIENHOFER	4968-706	7427

23484 7590 12/03/2003		EXAMINER
JOHN W L OGILVIE		TRIEU, LAURENT L
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ART UNIT	PAPER NUMBER
2132	

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DATE MAILED: 12/03/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *15 December 1999*.

2a)☐ This action is **FINAL**.　　2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-13* is/are pending in the application.

　　4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-13* is/are rejected.

7)☒ Claim(s) ~~4~~ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

　　Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

　　Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

　　a)☐ All b)☐ Some * c)☐ None of:

　　　1.☐ Certified copies of the priority documents have been received.

　　　2.☐ Certified copies of the priority documents have been received in Application No. _____.

　　　3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

　　* See the attached detailed Office action for a list of the certified copies not received.

13)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

　　a) ☐ The translation of the foreign language provisional application has been received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .

4)☐ Interview Summary (PTO-413) Paper No(s). _____ .

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: .

DETAILED ACTION

1.   Claims 1-13 have been reviewed.

Objections

2.   The specification is objected to because of the following informalities: page 7 ends with "The overlaid base" and is incomplete. Appropriate correction is required.

Claim Objections

3.   Claim 4 is objected to because of the following informalities: claim 4 is a duplicate of claim 2. Appropriate correction is required.

Claim Rejections - 35 USC § 102

4.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:.

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5.   Claims 1-13 are rejected under 35 U.S.C. 102(b) as being anticipated by "Experience with Secure Multi-Processing in Java" by Dirk Balfanz and Li Gong, hereafter referred to as "Balfanz".

Regarding claim 1, Balfanz disclose "an in-house beta version of the Java Development

Kit 1.2 (JDK)" (p. 398) which is read to comprise a JAVA Virtual Machine (JVM), base

classes, class loader. It also discloses "security manager" (p. 404, left column), also

"First, a thread group is created..." (Section 5.1, p. 402, left column) and "The

application's main class (MyClass) is loaded by a newly created class loader..."

(Section 5.1, p. 402, left column). "A thread group is created" and "Newly created class

loader" are read to be created from a dynamic class loader generator.

Regarding "overlays", Balfanz disclose "a new class called SystemProperties that is

shared between all applications." (Section 5.5, p. 403, bottom right column)

Regarding claims 2, 4 and 11, Balfanz disclose, "The application's main class (MyClass)

is loaded by a newly created class loader..." (Section 5.1, page 402)

Balfanz also disclose, "Every application is allowed to set its own security manager..."

(Feature 8, p. 401)

Regarding claim 3, Balfanz disclose "The permission granted to the code itself and the

permissions granted to the user that runs the code are combined to determine whether

access to certain sensitive system areas should be granted." (Section 5.3, page 402,

last sentence)

Regarding claim 5, Balfanz disclose "Abstract Window Toolkit (AWT)" (p. 399).

Regarding claims 6, 7 and 8, Balfanz disclose, "The application's main class (MyClass)

is loaded by a newly created class loader..." and " This happens within a new thread in

the newly-created thread group."   Furthermore "this prevents applications from stepping

on each others [sic] toes and makes it easy to associate a given thread with an

application instance." (Section 5.1, p. 402).   This identifies the application via the

thread group while "using the Java Reflection API," (Section 5.1, p. 402, left column)

allows identification of the application via the class loader.

Regarding claims 9, 10, 11 and 12 Balfanz disclose, "An application object contains a

class loader that separates the application's name space from that of other applications.

It also contains a thread group to accommodate all threads of the application" (Section

5.1, p. 401, bottom right column), "This happens within a new thread in the newly-

created thread group." And "This prevents applications from stepping on each others

[sic] toes and makes it easy to associate a given thread with an application instance."

(Section 5.1, p. 402).

Regarding claim 12, Balfanz disclose, "an in-house beta version of the Java

Development Kit 1.2 (JDK)" (p. 398) which is read to comprise a JAVA Virtual Machine

(JVM), base classes, class loader. It also discloses "An application object contains a

class loader that separates the application's name space from that of other applications.

It also contains a thread group to accommodate all threads of the application, and

application state such as user-id, current directory, standard input and output streams,

etc." (Section 5.1, p. 401, bottom right column) and "a new class called SystemProperties that is shared between all applications. (Section 5.5, p. 403) Also, "This prevents applications from stepping on each others [sic] toes and makes it easy to associate a given thread with an application instance." (Section 5.1, p. 402)
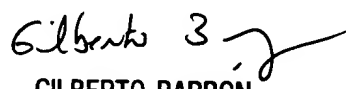
Regarding claim 13, Balfanz disclose, "Every application is associated with a user..." (Section 5.2, p. 402) and "The permission granted to the code itself and the permissions granted to the user that runs the code are combined to determine whether access to certain sensitive system areas should be granted." (Section 5.3, p. 402)

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laurent Trieu whose telephone number is 703-305-0712. The examiner can normally be reached on Monday - Friday, 7AM - 4PM ET.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 703-305-1830. The fax phone number for the organization where this application or proceeding is assigned is 703-746-5447.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

GILBERTO BARRON
SUPERVISORY PATENT EXAMINER
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